

EXHIBIT 14

② JSD

so, we need to advise
 present about 14 risk
 associated w/ MTBE -
 Amoco uses - Can Sully determine if they have same problems?

EXXON PROPRIETARY

June 8, 1984

PLEASE	J K M	B W H	W J B	B B
NOTE				
HANDLE				
JUN 08 1984				
J. S. DICK				

TO: Mr. J. S. Dick

FROM: J. E. Spell

SUBJECT: Ground Water Contamination with Oxygenates
 File: 205.0105
 205.0708

Sully Curran called today regarding some additional information that he had obtained from Shell Oil's environmental people on potential ground water contamination problems with the use of oxygenates in motor gasoline.

As was reported to you by Sully last week, Shell is using both MTBE (methyl tertiary butyl ether) and IPE (isopropyl ether) in some of their motor gasoline. Each of these two oxygenates is present at about 2.5 vol. %.

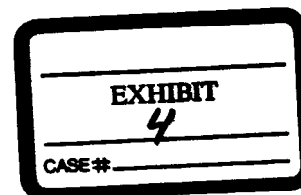
Analyses of ground water samples in which odor complaints had been received can differentiate between MTBE and IPE. Also, MTBE contributes as much to the odor problem as IPE. According to Shell, approximately 5 parts per billion (in water) is the lower level of detectability for either MTBE or IPE alone or a combination of the two. Sully indicated that some simple experimentation around the office had indicated that about 20 parts per billion MTBE in water was the lower level of detectable odor.

JES:ej

c: Dr. W. G. Domask
 Mr. V. M. Dugan - Rm 2254B
 Dr. J. Panzer - ER&E (PRD) Linden
 Mr. R. T. Peters - Rm 3765

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